

**Notice of Allowability**

Application No.

10/081,865

Examiner

Davienne Monbleau

Applicant(s)

BUTLER ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 8/8/06.
2. ☒ The allowed claim(s) is/are 1-5,7-13,15-17,19-24,26-38,41-47,50-61,65-69,71-78 and 80-83.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

**EXAMINER'S AMENDMENT AND STATEMENT OF REASONS FOR ALLOWANCE**

***Response to Amendment***

The amendment filed on 8/8/06 has been entered. Claims 1, 26, 50, 65, 71, and 80 have been amended. Claims 6, 14, 18, 25, 39, 40, 48, 49, 62-64, 70, 79, and 84 have been canceled. Claims 1-5, 7-13, 15-17, 19-24, 26-38, 41-47, 50-61, 65-69, 71-78, and 80-83 are pending.

***Examiner's Amendment***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Larry Vierra on 8/30/06.

The application has been amended as follows:

Claim 5, line 6: insert -- action -- before "component".

Claim 5, line 8: insert -- action -- before "component".

Claim 7, line 1: change "claim 1" to -- claim 2 -- .

Claim 26, line 3: change "operate piece" to -- operate -- .

Claim 30, line 5: insert -- action -- before "component".

Claim 30, line 7: insert -- action -- before "component".

Claim 32, line 1: change "claim 26" to -- claim 27 -- .

Claim 50, line 4: insert -- action -- before "component".

Claim 82, line 2: change "component" to -- tool -- .

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Claim 83, line 2: change "component" to -- tool -- .

***Allowable Subject Matter***

Claims 1-5, 7-13, 15-17, 19-24, 26-38, 41-47, 50-61, 65-69, 71-78, and 80-83 are allowed in view of the amendment filed on 8/8/06.

The following is an examiner's statement of reasons for allowance:

Regarding claims 1-5, 7-13, 15-17, and 19-24, the cited prior art of record does not teach or fairly suggest a tool system adapted to operate on a work piece comprising, along with the other claimed features, an action component adapted to operate on said work piece by following the laser guide line impinging on the tool.

Regarding claims 26-38 and 41-47, the cited prior art of record does not teach or fairly suggest a tool adapted to operate on a work piece comprising, along with the other claimed features, an action component adapted to operate piece on said work piece relative to a laser guide line impinging on the tool.

Regarding claims 50-61, the cited prior art of record does not teach or fairly suggest a tool adapted to operate on a work piece comprising, along with the other claimed features, an action component adapted to operate piece on said work piece along a laser line, a location detector adapted to determine an orientation of said component relative to the laser line, based at least in part on a position set of one or more laser guide lines impinging upon the action component.

Regarding claims 65-69, the cited prior art of record does not teach or fairly suggest a method for identifying the orientation of a tool on a work piece comprising, along with the other

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claimed features, detecting position data for one or more laser guide lines incident upon said action component.

Regarding claims 71-78, the cited prior art of record does not teach or fairly suggest a tool adapted to operate on a work piece comprising, along with the other claimed features, determining an orientation of said tool based at least in part on a position of a set of one or more laser guide lines impinging upon said tool.

Regarding claims 80-83, the cited prior art of record does not teach or fairly suggest a tool adapted to operate on a work piece along a line comprising, along with the other claimed features, means for detecting position data for one or more laser guide lines incident upon the tool.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Davienne Monbleau whose telephone number is 571-272-1945. The examiner can normally be reached on Monday through Friday 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Epps can be reached on 571-272-2328. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

*Darienne Monbleau*

DNM

*Stephane B. Allen*  
Stephane B. Allen  
Primary Examiner